

Q. What requirement do we need to meet for post-mission lifetime and for reliability to complete passivation?

A. The requirements are in NASA Standard 8719.14 (<https://standards.nasa.gov/standard/nasa/nasa-std-871914>), Section 4.6. In summary, post-passivation on-orbit lifetime for LEO missions should not exceed 25 years, and the mission's reliability for accomplishing all planned end of mission activities should be 90% or better. In the technical section of the Senior Review proposal, state your current assessment of mission operational life expectancy and of the length of post-passivation on-orbit lifetime (assuming the initial 3-year extension). Discuss the overall technical and health status of the elements of the mission and the team's approach to managing operations to optimize health and vitality of the elements. Point out limitations as a result of degradation, aging, use of consumables, obsolescence, failures, etc. Provide an updated estimate of flight system reliability to accomplish your planned end-of-mission passivation procedure (also assuming the 3 year extension). Provide supporting data in the form of engineering data tables and figures in Appendix E.

NOTE: The lifetime and reliability estimates are for ESD to make programmatic decisions regarding extension vs. waiver requests; the science panel will not be asked to evaluate extension based on these programmatic factors.

Q. What is the target budget baseline for FY23?

A. Your target budget for FY23 is FY22 inflated by 2.9%.

Q. For the section on National Interest Uses, should we focus only on USA related activities? We have a number of international organizations that we could cite and show greater value to societal needs.

A. The National Interests panel is comprised of only US federal agencies, so your proposal should focus on activities that benefit the US. International users/activities can be included to demonstrate breadth of the mission's operational applications, but is a lower priority.

Q. Where are communications tasks budgeted, WBS 7(mission operations) or WBS 4(Science/Data Analysis)?

A. Include communications and outreach activities in WBS 4(Science/Data Analysis).

Q. In changing our format from dual column to single column, we find that we are exceeding the page limit even though the content/word count doesn't change from prior years. May we have relief from the page count?

A. In general, no, but we will consider the request on a case-by-case basis. Please consult the Senior Review Program Officer.

Q. Per the Call Letter below, Attachment C (Supplemental Budget Narrative Table) is preferred to be part of the budget narrative in the body of the proposal. If the scientists insert this Table in the body of the proposal, does it count against the 30 (or 35) page limit?

A. Yes, in the narrative, the table will count as part of the proposal page-limit.

Q. Is Appendix A (the data product list) reserved for only standard/operational products, or can we list research products, including those developed under ROSES grants?

A. All products (standard, research, ROSES-developed) should be listed in Appendix A, but note the source of the products (whether developed under the Mission's own Data Analysis funding or under a ROSES project).